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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/551,940	10/04/2005	Jacob Osterling	P18256-US1	3605
27045 7590 66/25/2008 ERICSSON INC. 6300 LEGACY DRIVE			EXAMINER	
			HU, RUI MENG	
M/S EVR 1-C- PLANO, TX 7			ART UNIT	PAPER NUMBER
122110, 1117	5021		2618	
			MAIL DATE	DELIVERY MODE
			06/25/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No. Applicant(s) 10/551.940 OSTERLING ET AL. Office Action Summary Examiner Art Unit RuiMena Hu 2618 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 11 March 2008. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.3-13 and 16 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) Claim(s) 1,3-13 and 16 is/are rejected. 7) Claim(s) _____ is/are objected to. 8) Claim(s) _____ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s)

| 1 | Notice of References Cited (PTO-892) | 1 | Interview Summary (PTO-413) | Paper No(s)/Mail Date | 1 | Paper N

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DETAILED ACTION

Response to Arguments

 Applicant's arguments filed on 03/11/2008 have been fully considered but they are not persuasive.

Applicant argues that Stratford et al. fail to disclose a synchronization link.

The examiner respectfully submits that Stratford et al. disclose a synchronization link (column 12 lines 17-50), and in view of figures 9 and 10, a data link contains a header which contains information such as Frame Counter, Data type and Destination, these information used for synchronization of a receiving-end, therefore this link is considered a synchronization link.

Stratford et al. further disclose (column 12 line 50-column 13 line 7) timing information is recorded at the remote site and transmitted back to the corresponding base station as an auxiliary channel. The digital hub extracts the timing information from the auxiliary channel and compares it to its own time reference obtained from its local clock. Therefore the auxiliary link is a synchronization link.

Response to Amendment

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

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applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

 Claims 1, 3-13 and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Stratford et al. (US Patent 6785558).

Consider claim 1, Stratford et al. disclose an interface (Abstract, figure 3, network interface 310, network access node 340) in a Radio Base Station (figure 3) for transmission and reception of user data to and from one or more user equipments in a radio communication network (Abstract), comprising: a plurality of links (column 7 lines 39-45) having a minimized bandwidth (column 7 lines 11-15) for carrying data independent of the functionality of the radio access network (figure 3, Network and a BTS) and the airborne radio transmission (figure 3, Remote Site 330) (column 4 line 64-column 5 line 6, column 6 lines 38-51); and, one or more user data links for uplink and downlink (column 4 lines 45-63), a control and supervision link (column 8 lines 37-44), and a synchronization link (column 12 lines 17-50).

Claim 2. (canceled)

Consider claim 3 as applied to claim 1, Stratford et al. disclose intended for carrying baseband signals comprising digital signal components that describe the airborne signal (column 15 lines 36-41).

Consider claim 4 as applied to claim 3, Stratford et al. disclose wherein the user data link transfers the downlink user data as symbols and the uplink user data as sampled symbols (column 15 lines 36-55. digital samples).

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Consider claim 5 as applied to claim 1, Stratford et al. disclose wherein the user data link carries information about stream identity for routing and/or supervision (column 11 lines 1-11, header).

Consider claim 6 as applied to claim 1, Stratford et al. disclose wherein the control and supervision link is split between a processor based link and fast indications (column 8 lines 37-44, OA&M sub-channel, Operation, Maintenance and Administration link supports the monitoring and controlling of remote site equipment).

Consider claim 7 as applied to claim 6, Stratford et al. disclose wherein the fast indications are used to determine the status of the radio transmission part when the processor based link has failed (column 17 lines 32-36, column 11 line 54-column 12 line 15, increasing of bit errors due to the status of the radio transmission part e.g. power control failure (column 7 lines 52-67) or synchronization failure (column 12 lines 17-39)).

Consider claim 8 as applied to claim 6, Stratford et al. disclose wherein an indication is used to reset the radio transmission part (column 11 line 54-column 12 line 15, the system could switch to three carriers using a rate ½ convolutional code).

Consider claim 9 as applied to claim 1, Stratford et al. disclose wherein the synchronization link is used to control the transmission time of the user data link (column 12 line 17-column 13 line 7).

Consider claim 10 as applied to claim 1, Stratford et al. disclose wherein the synchronization link is used to time stamp the reception time of the user data link (column 12 line 17-column 13 line 7).

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Consider claim 11 as applied to claim 6, Stratford et al. disclose wherein a hardware reset is encoded in the processor based link layer 1 protocol as a code violation (column 17 lines 32-36, a hardware reset/control (e.g. reset to three carriers using a rate ½ convolutional code) can be encoded in OA&M sub-channel layer 1 protocol as a code violation).

Consider claim 12 as applied to claim 5, Stratford et al. disclose wherein transmission of parity bits is suspended during stream identity transmission (column 10 line 25-column 11 line 11).

Consider **claim 13** as applied to **claim 4**, Stratford et al. disclose wherein the uplink data format consists of a fast changing mantissa and a slow changing exponent (Table 2, different coding rates).

Claims 14-15. (canceled)

Consider claim 16 as applied to claim 1, Stratford et al. disclose where the uplink interface serializer is controlled by the synchronization link (column 12 lines 17-39).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any response to this Office Action should be faxed to (571) 273-8300 or mailed

to: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RuiMeng Hu whose telephone number is 571-270-1105. The examiner can normally be reached on Monday - Thursday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
Status information for unpublished applications is available through Private PAIR only.

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RuiMeng Hu R.H./rh June 9, 2008

/Edward Urban/

Supervisory Patent Examiner, Art Unit 2618